

**NORTH COAST  
LABORATORIES LTD.**

May 17, 2018

City of Eureka  
4301 Hilfiker Lane  
Eureka, CA 95503

Attn: David Adams

Order No.: 1805198  
Invoice No.: 140059  
PO No.: 118076  
ELAP No.1247-Expires July 2018

RE: Lost Coast Brewery

**SAMPLE IDENTIFICATION**

Fraction	Client Sample Description
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01A	Outfall 001
01B	Outfall 001

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

**Approved for release by:**

Roxanne Moore, Project Manager

**Date:** 17-May-2018  
**WorkOrder:** 1805198

## CASE NARRATIVE

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The sample was received on ice with a temperature above the EPA recommended temperature of less than or equal to 6° C.

Date: 17-May-2018

WorkOrder: 1805198

**ANALYTICAL REPORT**

Client Sample ID: Outfall 001

Received: 5/10/2018

Lab ID: 1805198-01A

Collected: 5/10/2018 14:22

Test Name: Biochemical Oxygen Demand

Reference: SM 5210B, 2001. Revs 2011

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Biochemical Oxygen Demand	4,800		2.0	mg/L	1.0		5/11/2018

Test Name: Non-Filterable Residue (TSS)

Reference: SM 2540D, 1997. Revs 2011

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Non-Filterable Residue(TSS)	8.8		1.0	mg/L	1.0		5/14/2018

Client Sample ID: Outfall 001

Received: 5/10/2018

Lab ID: 1805198-01B

Collected: 5/10/2018 14:22

Test Name: Chemical Oxygen Demand

Reference: HACH 8000

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Chemical Oxygen Demand	5,700		250	mg/L	50	5/14/2018	5/15/2018

North Coast Laboratories, Ltd.

Date: 5/17/2018

**CLIENT:** City of Eureka  
**Work Order:** 1805198  
**Project:** Lost Coast Brewery

**QC SUMMARY REPORT**

Method Blank

Sample ID	MBLNK	Batch ID:	R95444	Test Code:	CODW	Units:	mg/L	Analysis Date	5/15/2018	Prep Date	5/14/2018	
Client ID:		Run ID:	W_180514A					SeqNo:	1358282			
Analyte		Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chemical Oxygen Demand		ND	5.0									

Sample ID	MBLK	Batch ID:	R95448	Test Code:	NFRW	Units:	mg/L	Analysis Date	5/14/2018	Prep Date		
Client ID:		Run ID:	WC_180514D					SeqNo:	1358346			
Analyte		Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Non-Filterable Residue(TSS)		ND	1.0									

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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ED\_006495\_00002299-00004

North Coast Laboratories, Ltd.

Date: 5/17/2018

**CLIENT:** City of Eureka  
**Work Order:** 1805198  
**Project:** Lost Coast Brewery

## QC SUMMARY REPORT

Laboratory Control Spike

Sample ID	<b>LCS WL-05141805</b>	Batch ID:	<b>R95444</b>	Test Code:	<b>CODW</b>	Units:	<b>mg/L</b>	Analysis Date	<b>5/15/2018</b>	Prep Date	<b>5/14/2018</b>
Client ID:		Run ID:	<b>W_180514A</b>					SeqNo:	<b>1358283</b>		
Analyte		Result		Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Chemical Oxygen Demand		49.96		5.0	50.0	0	99.9%	85	115	0	

Sample ID	<b>LCSD WL-051418</b>	Batch ID:	<b>R95444</b>	Test Code:	<b>CODW</b>	Units:	<b>mg/L</b>	Analysis Date	<b>5/15/2018</b>	Prep Date	<b>5/14/2018</b>
Client ID:		Run ID:	<b>W_180514A</b>					SeqNo:	<b>1358284</b>		
Analyte		Result		Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Chemical Oxygen Demand		49.33		5.0	50.0	0	98.7%	85	115	50.0	1.26% 20

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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North Coast Laboratories, Ltd.

Date: 5/17/2018

**CLIENT:** City of Eureka  
**Work Order:** 1805198  
**Project:** Lost Coast Brewery

## QC SUMMARY REPORT

BOD Organic Standard

Sample ID	<b>ORG STD</b>	Batch ID:	<b>R95469</b>	Test Code:	<b>BODW</b>	Units:	<b>mg/L</b>	Analysis Date	<b>5/11/2018 10:00:00 AM</b>	Prep Date	
Client ID:		Run ID:	<b>WC_180511F</b>					SeqNo:	<b>1358686</b>		
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biochemical Oxygen Demand	211.7	2.0	200	0	106%	85	115	0			

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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707-822-4649 Fax 707-822-6831

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1805198

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SHIPPED VIA: UPS Fed-Ex Hand

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
David Adams 	5-18-1637	Jessie 	5/10/18
			1640

**ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT**